58 cm (23”) Multitouch Monitor

FlexScan® T2351W

Multitouch Versatility

Full HD | 3 Inputs | LaidBack Stand | Paper Mode | Game Mode

EIZO Multitouch Monitor

The FlexScan T2351W offers a multitouch interface via Windows 7 that provides an intuitive way to use your PC with simple hand gestures. With its superb image quality, durability, and ergonomic design, the FlexScan T2351W is ideal for schools, libraries, offices, and homes.

Digital Contents

Display your documents and ebooks on the screen and use the multitouch interface to navigate from one page to the next.

Schools, Offices and Public Spaces

The multitouch interface makes learning more fun and interactive. The non-scratch touch surface ensures the T2351W can withstand the rigors of use in schools and public spaces.

Gaming and Cinema

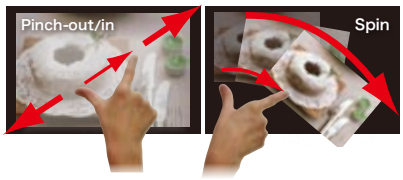
An HDMI input is included for full-HD connectivity with audio-visual devices such as gaming consoles and Blu-ray disc players. Multitouch offers a new way of enjoying PC games.

Digital Photo Retouching

The 23-inch screen with a full HD resolution offers ample space for enjoying digital photos. The optional EIZO EasyPIX tool simplifies color matching with your prints.

Digital Contents

Multitouch Interface



Both intuitive and enjoyable to work with, multitouch lets you tap, scroll, drag, pinch, spin, etc. with your fingers instead of a mouse and keyboard. The multitouch interface is supported by Windows 7 and works with the growing number of multitouch applications compatible with this OS.

Paper Mode That Simulates Printed Paper

With people spending more time viewing documents and ebooks on their monitors rather than in printed form, EIZO has introduced a “Paper” mode to make reading as comfortable as possible and reduce eye strain. Paper mode adjusts the monitor’s brightness, contrast ratio, and color temperature to simulate the appearance of printed paper.

HDCP Support

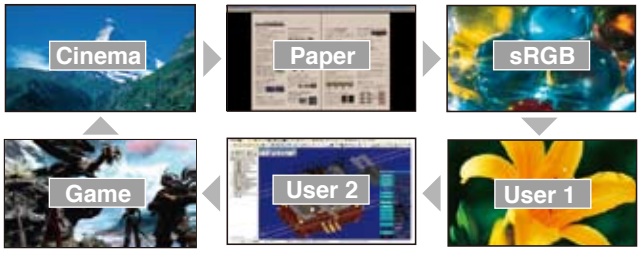
Both the DVI-D and HDMI connectors support high-bandwidth digital content protection (HDCP) for viewing of content from HDCP-equipped devices.

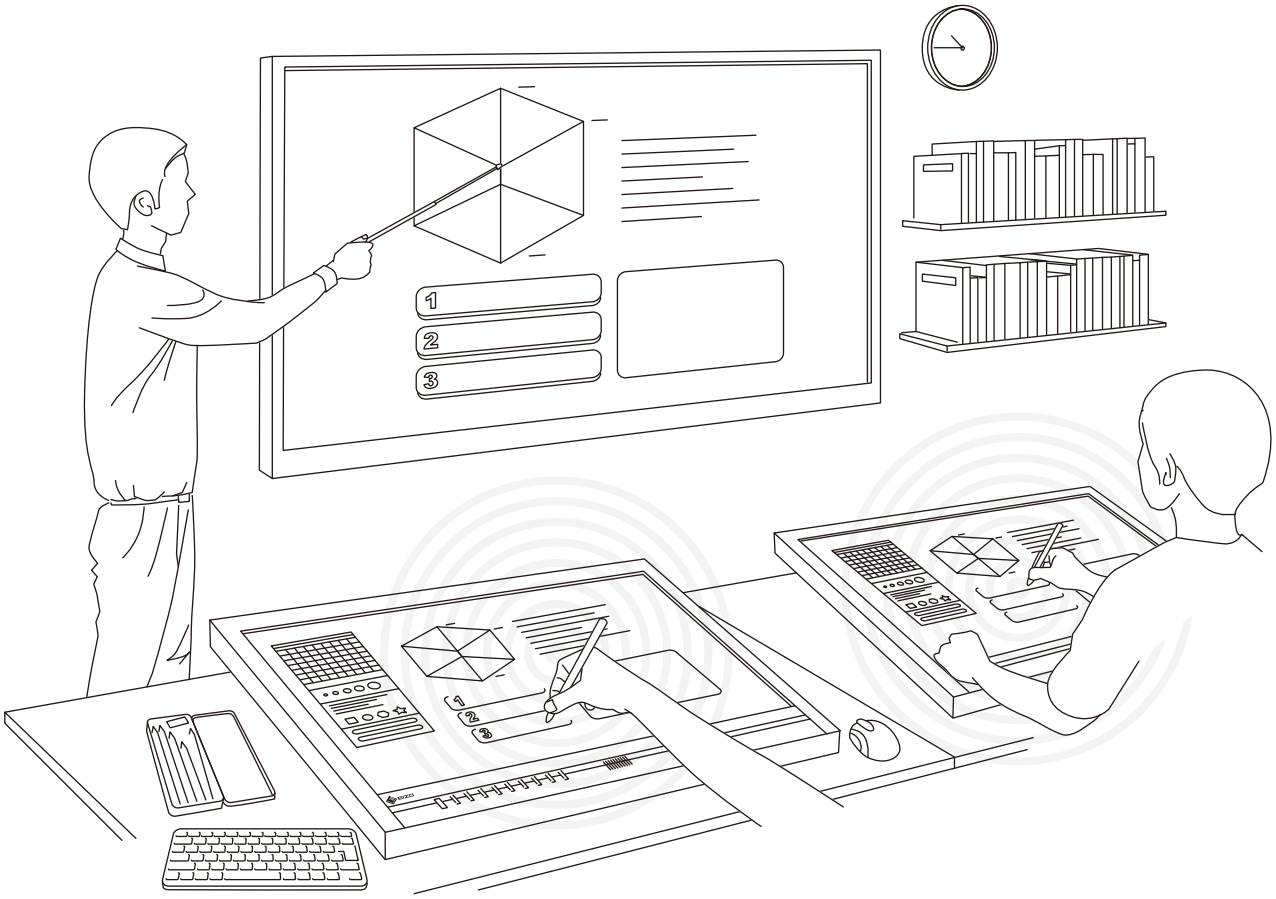
LaidBack Stand

Rather than outfit a current desktop monitor with multitouch capabilities, EIZO designed the FlexScan T2351W as a multitouch monitor from the start. This monitor debuts a new cabinet design featuring a LaidBack stand. With this stand, the bottom of the bezel rests on the desktop like a notebook PC and tilts back in six stages from 15° to 65°. When seated, this allows you to look almost directly down at the screen and comfortably touch it with your elbows resting on the desktop.

Preset Modes for Optimum Viewing

In addition to Paper mode, several other preset modes are also available: Cinema, sRGB, Game, and two User modes for user-adjustable settings. Toggling between modes is done manually in the OSD menu or automatically by assigning a mode to a particular application with the bundled ScreenManager Pro for LCD software (Windows 7 and Vista compatible).





Schools, Offices, and Public Spaces

Touch Screen with Reinforced Glass

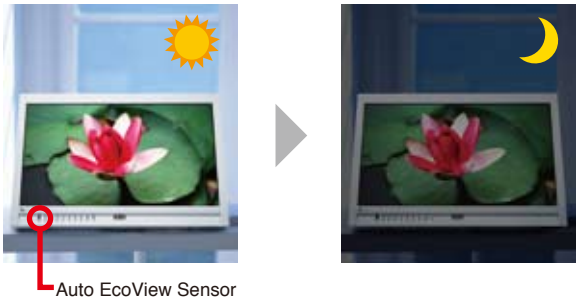
To ensure it is durable enough to withstand use in schools and public access areas, the touch screen has a non-scratch surface made of reinforced glass with a hardness of 6 Mohs – the same hardness as titanium.

Finger, Glove, or Pen Touch

The FlexScan T2351W employs optical imaging touch panel technology which accepts input from a bare or gloved hand as well as a touch pen.

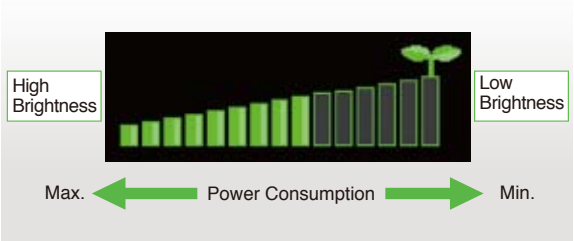
Optimized Brightness

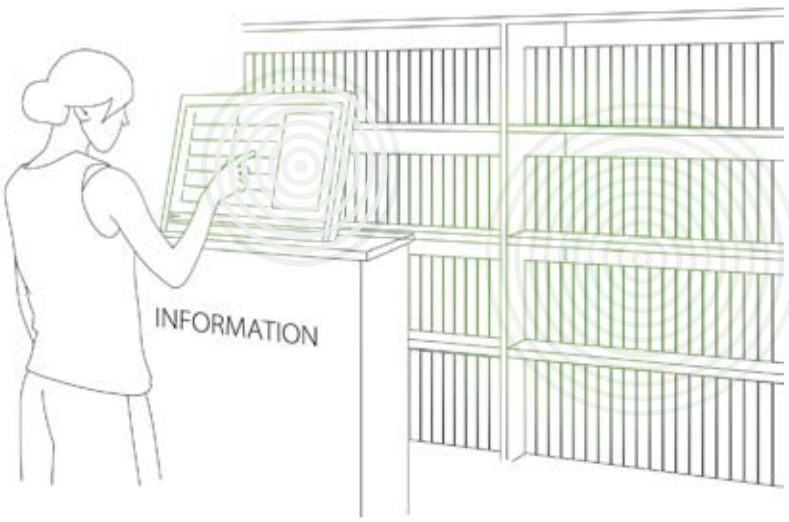
An ambient brightness sensor called “Auto EcoView” that detects changes in the ambient brightness and signals the backlight to adjust the screen brightness accordingly so it is never too dark or too bright.



Energy Efficiency Gauge

A user-activated EcoView Index displays the level of power savings and equivalent amount of CO_2 reduction compared to using the monitor without Auto EcoView activated and with the screen set at a brightness of 100%.





Gaming and Cinema

Clearer and Sharper Images for Gaming

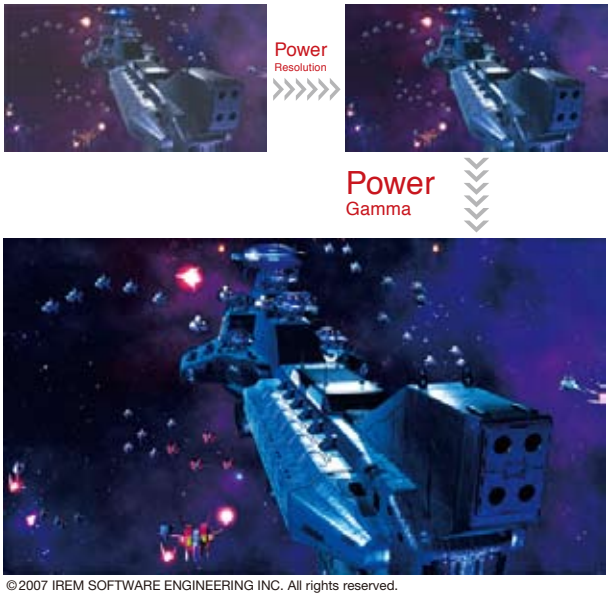
Selecting Game mode activates two new EIZO features called “Power Resolution and “Power Gamma.”

[Power Resolution]

This feature makes the details in both low and high resolution games look clearer and sharper.

[Power Gamma]

This feature applies a gamma curve to games and other animated images that amplifies the feeling of contrast to make them look more three dimensional.



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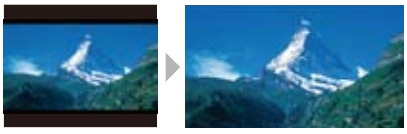
Full HD (1920 × 1080) Resolution

The 1920 × 1080 native resolution displays pixel-by-pixel all the content of full high-definition video sources such as Blu-ray discs and many of today's games without any black bars across the top and bottom of the screen.



19” monitor (1280 × 1024)

T2351W (1920 × 1080)

Input Lag of Less Than One Frame

The input lag or the difference between the time a signal is input into the monitor and then shown on the screen is less than one frame. This is approximately 1/60th of a second, so gamers see the action as it happens and react immediately.

Overdrive Circuit

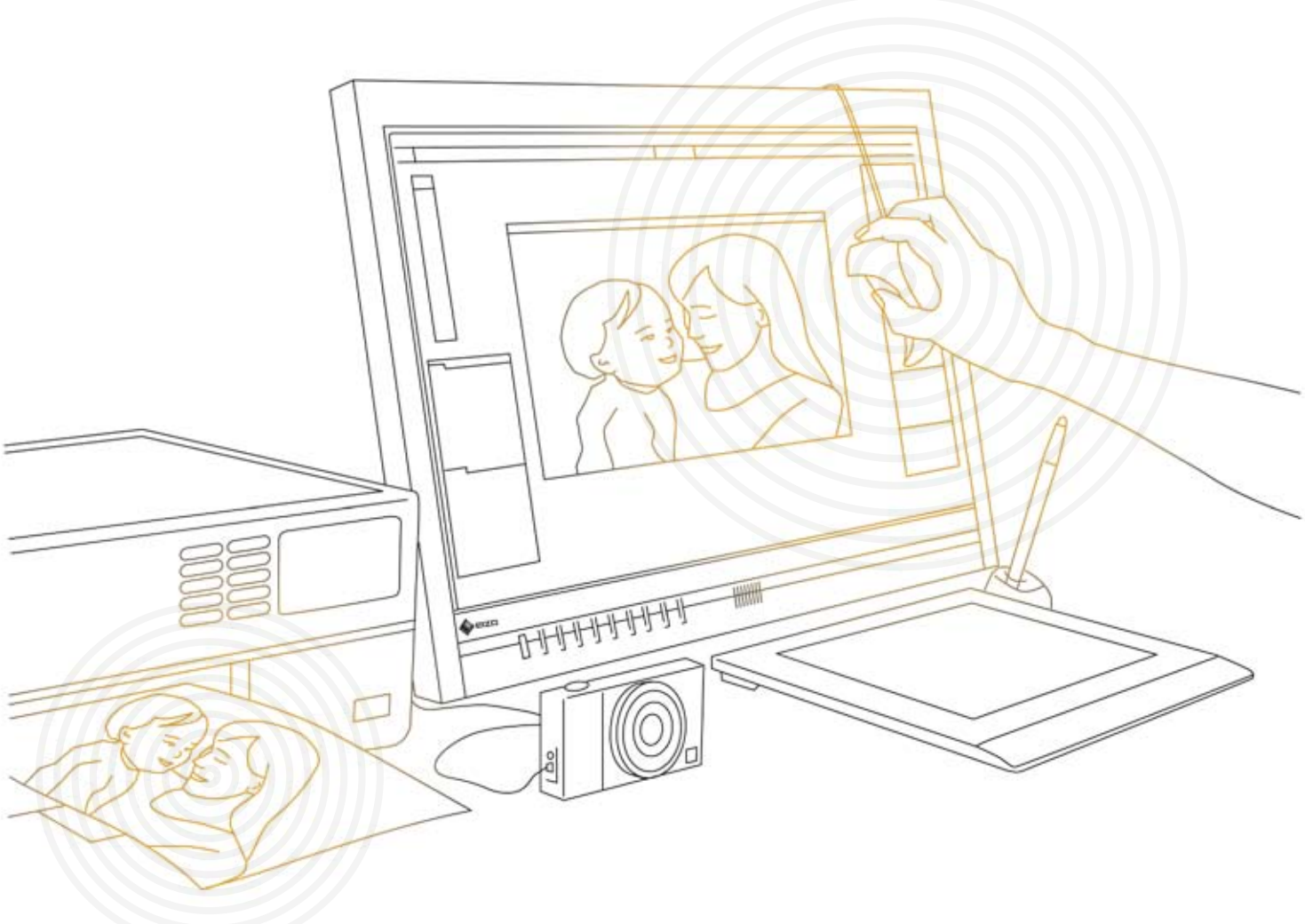
An overdrive circuit is included to reduce gray-to-gray response time to 7 ms and ensure that movies and other moving images look clean and sharp with an absolute minimum of blurring and ghosting.

3000:1 Contrast Ratio

This high contrast ratio produces a more realistic black to give images a feeling of depth and vividness.

Standard Panel

High Contrast Panel



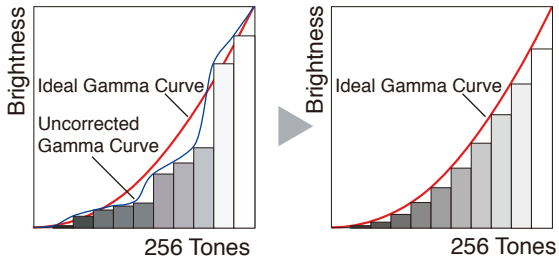
Digital Photo Retouching

Compatible with EIZO EasyPIX

The optional EIZO EasyPIX color matching tool is ideal for digital photo enthusiasts looking to match colors between their monitors and photo prints. With the EIZO EasyPIX software you can match the monitor's color and brightness with that of the photo paper and then create a monitor profile with the bundled EX1 color sensor. No expertise in color management is required and the profile can be shared with image retouching software to ensure accurate results when printing. (Macintosh OS not supported.)

10-Bit Gamma Correction

This technology ensures smooth, accurate color tones by converting the 8-bit PC data to 10-bit, assigning the ideal gamma values then returning the data to 8-bit format for display.



Wide Viewing Angles

The FlexScan T2351W uses a VA (vertical alignment) panel with wide 178° viewing angles. Contrast and hue changes are minimal even when viewing the screen at an angle.

23" High Resolution Screen

This 2-megapixel, 23-inch screen offers ample space for displaying your thumbnails and then expanding them for viewing or retouching.

HDMI, DVI-D, and D-Sub Inputs

An HDMI input is included for full HD connectivity with audio-visual devices such as gaming consoles and Blu-ray disc players. DVI-D and D-Sub inputs allow connection to PCs with digital and analog graphics boards respectively.

Two Color Variations

Two color options are available – an all-black cabinet and a two-tone cabinet where the front is gray and the sides and rear are black.

Integrated Speaker and Headphone Jack

A 0.35-watt speaker is built into the front bezel for audio capability. A headphone jack is located on the side of the monitor.

Scale Non-Native Resolutions to Full Screen

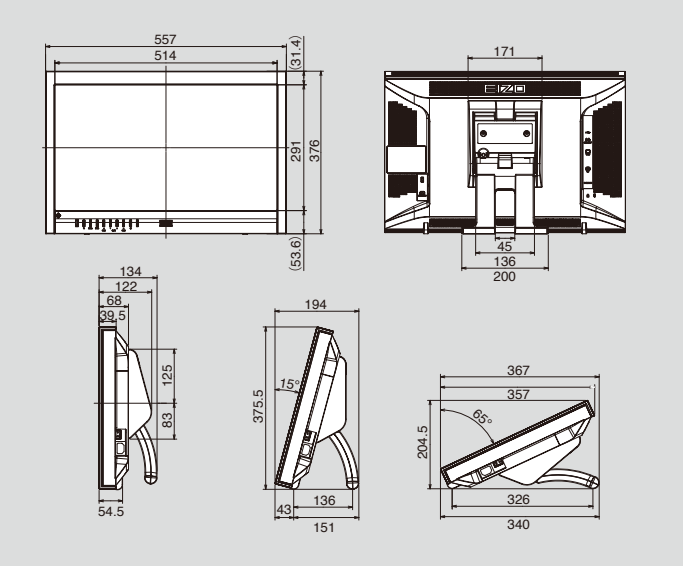
When working at less than native resolution or aspect ratios other than 16:9 you can use the scaling function to enlarge your work proportionally or expand it to fill the screen. You can then smooth or sharpen the image in five increments.

Normal *Enlarge* *Full Screen*

Dedicated Touch Pen

An easy-to-use touch pen is included.

Dimension Diagram (Unit: mm)

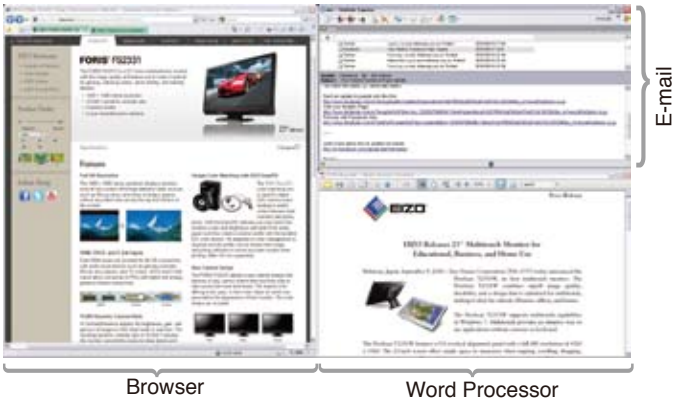


Customer Assurance

A three-year warranty offers a long service life, and compliance with leading industry standards such as TCO Displays 5.1, TÜV Ergonomics, and EPA Energy Star ensures a better working environment.

EIZO ScreenSlicer

This is a free software utility that lets you more effectively use your screen through partitioning. Simply drop your windows into configurable partitioned areas and they will be aligned instantly. Available for download from www.eizo.com.



SPECIFICIATIONS

Panel Size	23" / 58 cm (584 mm diagonal)
Active Display Size (H × V)	509.8 × 286.7 mm
Panel Type	VA (with overdrive circuit)
Viewing Angles (H, V)	178°, 178° (at contrast ratio of 10:1
Brightness	265 cd/m²
Contrast	3000:1
Response Time (Typical)	Gray-to-gray: 7 ms, black-white-black: 25 ms
Native Resolution	1920 × 1080 (16: 9 aspect ratio)
Pixel Pitch	0.2655 × 0.2655 mm
Display Colors	16.77 million from a palette of 1.06 billion
Look-Up Table	10 bits per color
Response Time (Typical)	Gray-Black Two-Tone, Black
Dot Clock	Analog: 148.5 MHz, Digital: 148.5 MHz
Analog Scanning Frequency (H, V)	31 – 81 kHz, 55 – 76 Hz
Digital Scanning Frequency (H, V)	HDMI: 15 – 68 kHz, 49 – 61 Hz (VGA Text: 69 – 71 Hz) DVI: 31 – 68 kHz, 59 – 61 Hz
Video Input Terminals	D-Sub mini 15 pin, HDMI (PC connection supported), DVI-D 24 pin (with HDCP)
Audio Input Terminals	3.5 mm stereo jack
Audio Output Terminals	3.5 mm headphone jack
Speakers	0.35 W speaker
USB Ports / Standard	1 upstream / USB 2.0
Plug & Play	VESA DDC 2B
Power Requirements	AC 100 – 120 V / 200 – 240 V, 50 / 60 Hz
Power Consumption	26 W (typical) 42 W (maximum)
Power Save Mode	Less than 1.3 W
Tilt	15°, 25°, 35°, 45°, 55°,65°
Dimensions (W × H × D)	With Stand: 557 × 204.5 – 375.5 × 194 – 367 mm Without Stand: 557 × 367 × 68 mm
Net Weight	With Stand: 7.6 kg Without Stand: 6.8 kg
Preset Modes	Game, Cinema, Paper, sRGB, User1, User2, Auto Fine Contrast[2]
EcoView Settings	Auto EcoView, EcoView Index
Screen Adjustment	Clock, Phase, Position, Range (Auto), Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity
Color Adjustment	Brightness, Black Level, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Power Resolution, Overdrive, Reset
Power Management	Power Save (VESA DPM and DVI DMPM), Off Timer
Sound	Volume, Power Save, Source (HDMI)
Other Settings	Signal Switching, Product Information (name, serial number, resolution, operating time, etc.), OSD Menu Settings, HDMI Color Space, Adjustment Lock, DDC/CI Lock, Languages (English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish), Power Indicator, Reset
Certifications and Standards	TCO Displays 5.1, EPEAT Gold (US), c-Tick, CE, CB, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R
Supplied Accessories	AC power cord, signal cables (DVI-D – DVI-D, D-Sub – D-Sub), USB cable, audio cable, touch pen, cleaning cloth, EIZO LCD Utility Disk (PDF user's manual, touch panel driver), setup guide, 4 screws for mount option, warranty card
Warranty	Three Years

Touch Panel

Touch Panel Type	Infrared Optical Imaging
Optical Clarity	88%
Compatible OS	Multi-touch: Windows 7 32-bit and 64-bit Single-touch: Windows Vista 32-bit and 64-bit
Communication Protocol	USB

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